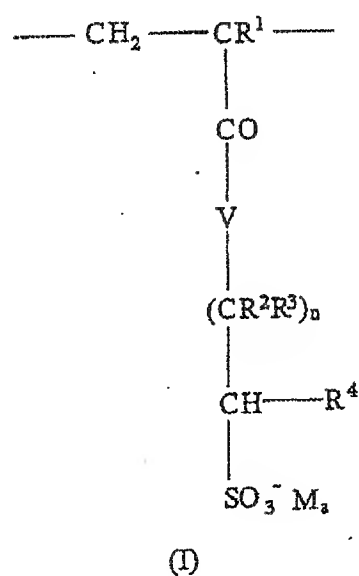


IN THE CLAIMS

1-30 (canceled)

31. (currently amended) A composition that is an aqueous building material ~~system~~ system, a water-based paint or coating system comprising a sufficient amount of a bipolymer or terpolymer to provide a stabilizing effect, wherein the bipolymer or terpolymer is water-soluble, ~~copolymer or terpolymer which~~ contains sulfo groups and has a number average molecular weight of from 50,000 to 20,000,000 g/mol and consists of ~~comprises~~:

a) from 3 to 96 mol% of a structural group of formula I



wherein R^1 is hydrogen or methyl,

$\text{R}^2, \text{R}^3, \text{R}^4$ is hydrogen, an aliphatic hydrocarbon residue having from 1 to 6 carbon atoms, or a phenyl residue which may be unsubstituted or substituted by methyl groups,

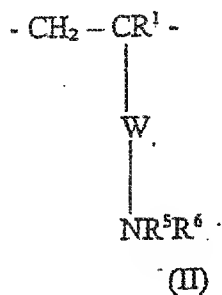
V is NH or oxygen,

M is hydrogen, a monovalent or divalent metal cation, ammonium or an organic amine residue,

n is from ~~N~~ is 1 to 5,

A is $\frac{1}{2}$ or 1,

b) from 3 to 96 mol% of a structural group of formula II



wherein W is $\text{-CO(O)-(CH}_2\text{)}_x\text{-}$ or $\text{-CO-NR}^2\text{-(CH}_2\text{)}_x\text{-}$,

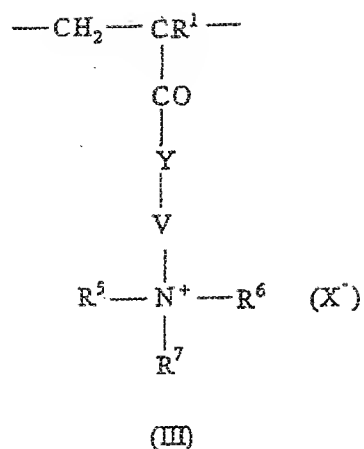
x is from 1 to 6,

R^5 and R^6 are independently hydrogen, a substituted or unsubstituted aliphatic hydrocarbon residue having from 1 to 20 carbon atoms, a cycloaliphatic hydrocarbon residue having from 5 to 8 carbon atoms, or an aryl residue having from 6 to 14 carbon atoms, and



R^1 and R^2 are as defined above,



and/or

c) from 0.05 to 75 mol% of a structural group of formula III



wherein Y is O, NH or NR⁵,

V is $-(\text{CH}_2)_x-$, , ,

R⁷ is R⁵ or R⁶, $-(\text{CH}_2)_x\text{SO}_3^\ominus\text{Ma}$, , ,

X is halogen, C₁-C₄-alkylsulfate or C₁-C₄-alkylsulfonate,

and R¹, R⁵, R⁶, M, a and x are as defined above.

32. (previously presented) The composition as claimed in claim 31, wherein the copolymers and terpolymers are used in an amount of from 0.01 to 5% by weight, based on the dry weight of the building material system, paint system or coating system.

33. (previously presented) The composition as claimed in claim 31, wherein the aqueous building material systems comprises cement, lime, gypsum plaster, anhydrite, as hydraulic binders.

34. (currently amended) The composition as claimed in claim 31, wherein the copolymers or terpolymers are in the form of an aqueous solution having a solids content of from 0.2 to 3% by weight.

35. (new) The composition as claimed in claim 31, wherein the structural group a) of formula I is a 2-acrylamido-2-methylpropanesulfonate.

36. (new) The composition as claimed in claim 31, wherein the structural group a) of formula I is 2-acrylamido-2-methylpropanesulfonic acid sodium salt.

37. (new) The composition as claimed in claim 31, wherein the structural group b) of formula II is [2-(methacryloyloxy)-ethyl]-diethylamine.

38. (new) The composition as claimed in claim 31, wherein the structural group c) of formula III is a [3-(methacryloylamino)-propyl]trimethylammonium salt.

39. (new) The composition as claimed in claim 31, wherein the structural group c) of formula III is [3-(methacryloylamino)-propyl]trimethylammonium chloride.

40. (new) A composition that is an aqueous building material system, a water-based paint or coating system comprising a sufficient amount of a biopolymer or terpolymer to provide a stabilizing effect, wherein the biopolymer or terpolymer is water-soluble, contains sulfo groups and has a number average molecular weight of from 50,000 to 20,000,000 g/mol and consists of:

- a) from 3 to 96 mol% of 2-acrylamido-2-methylpropanesulfonic acid sodium salt,
and
- b) from 0.05 to 75 mol% of [3-(methacryloylamino)-propyl]trimethylammonium chloride.